D-Link

Quick Installation Guide

This product can be set up using any current web browser:
Internet Explorer 6 or Netscape Navigator 7

DI-524
AirPlus G 802.11g/2.4GHz Wireless Router

Before You Begin

1. If you purchased this router to share your high-speed Internet connection with other computers, you must have either an Ethernet-based Cable or DSL modem with an established Internet account from an Internet Service Provider (ISP).
2. It's best to use the same computer that is connected to your modem for configuring the DI-524 *Air*Plus G Wireless Router. The DI-524 acts as a DHCP server and will assign all the necessary IP address information on your network. **See Appendix at the end of this Quick Installation Guide or the Manual on the CD-ROM for setting each network adapter to automatically obtain an IP address.**

Check Your Package Contents

DI-524 *Air*Plus G 802.11g/2.4GHz Wireless Router

CD-ROM (containing Manual and Warranty)

Ethernet (CAT5 UTP/Straight Through) Cable

7.5V 1.5A DC Power Adapter

⚠ Using a power supply with a different voltage rating will damage and void the warranty of this product.

If any of the above items are missing, please contact your reseller.

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1 Connecting The DI-524 Wireless Router To Your Network

A. First, connect the power adapter to the **receptor** at the back panel of the DI-524 and then plug the other end of the power adapter to a wall outlet or power strip. The Power LED lights up indicating proper operation.

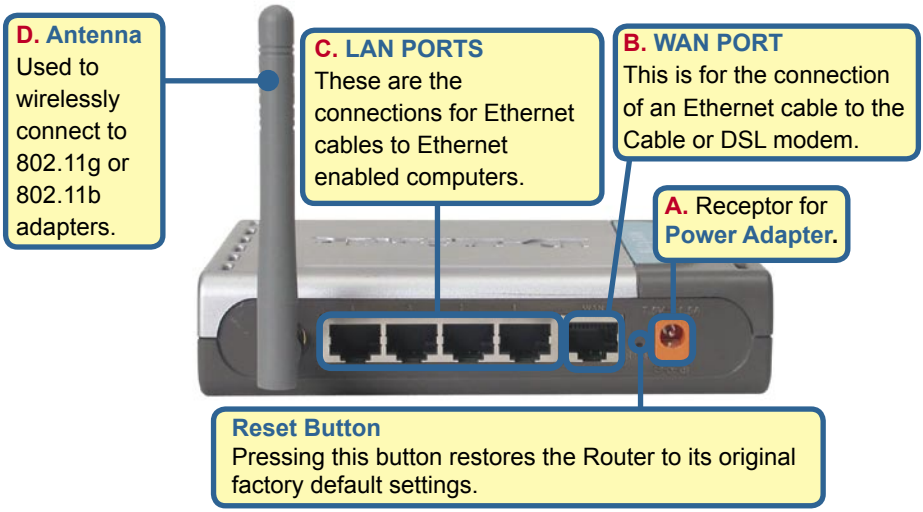
B. 1. Power off your Cable or DSL modem; devices that do not have a on/off switch and will require you to unplug the power adapter. Now, the DI-524 should be powered on and the Cable / DSL modem should be turned off.
Cable / DSL modem (Power Off) – DI-524 (Power On)

2. Connect an Ethernet cable to the Ethernet jack located on the Cable / DSL modem. After the Ethernet cable is securely connected, power on the Cable / DSL modem by turning on the unit or plugging in the power adapter.
Cable / DSL modem (Power On) – DI-524 (Power On)

3. Insert the other end of the Ethernet cable to the WAN PORT on the back panel of the DI-524. The WAN LED light will illuminate to indicate proper connection. If the WAN LED is not illuminated, please go back to step B1 and repeat the steps.

C. Insert an Ethernet cable to **LAN Port 1** on the back panel of the DI-524 and an available Ethernet port on the network adapter in the computer you are using to configure the DI-524. The LED light for LAN Port 1 illuminates to indicate proper connection. (Note: The LAN Ports on the DI-524 are Auto-MDI/MDI-X. Meaning you can use a straight-through or crossover-Ethernet cable in the LAN Ports.)

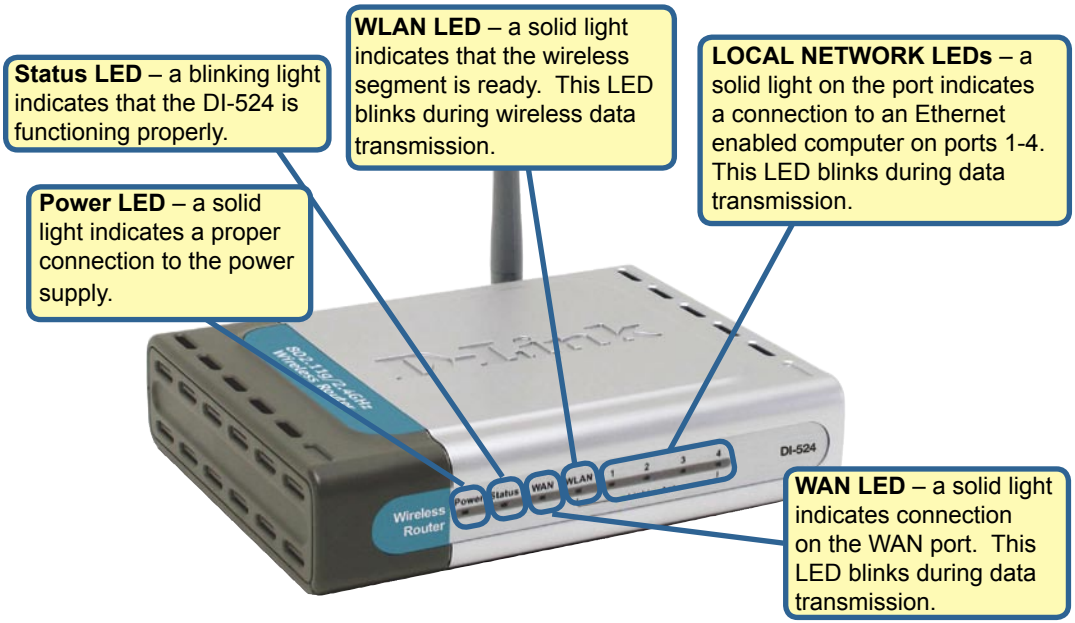
D. Computers equipped with 802.11g wireless adapters will be able to connect to the DI-524. The DWL-G630 *Air*Plus G Wireless Cardbus Adapter and the DWL-G510 *Air*Plus G Wireless PCI Adapter will be able to connect out of the box with the router using their default wireless settings.


D. Antenna
Used to wirelessly connect to 802.11g or 802.11b adapters.
C. LAN PORTS
These are the connections for Ethernet cables to Ethernet enabled computers.
B. WAN PORT
This is for the connection of an Ethernet cable to the Cable or DSL modem.
A. Receptor for Power Adapter.
Reset Button
Pressing this button restores the Router to its original factory default settings.

2 Restart Your Computer

3 Connecting Additional Computers To The DI-524

Using additional Ethernet (CAT5 UTP) cables, connect your Ethernet-equipped computers to the remaining Ethernet LAN ports on the back panel of the DI-524.


Status LED – a blinking light indicates that the DI-524 is functioning properly.
WLAN LED – a solid light indicates that the wireless segment is ready. This LED blinks during wireless data transmission.
LOCAL NETWORK LEDs – a solid light on the port indicates a connection to an Ethernet enabled computer on ports 1-4. This LED blinks during data transmission.
Power LED – a solid light indicates a proper connection to the power supply.
WAN LED – a solid light indicates connection on the WAN port. This LED blinks during data transmission.
Power
Status
WAN
WLAN
1
2
3
4
DI-524
Wireless Router

When you have completed the steps in this *Quick Installation Guide,* your connected network should look similar to this:

Using The Setup Wizard

Open your Web browser and type **"http://192.168.0.1"** into the URL address box. Then press the **Enter** or **Return** key.

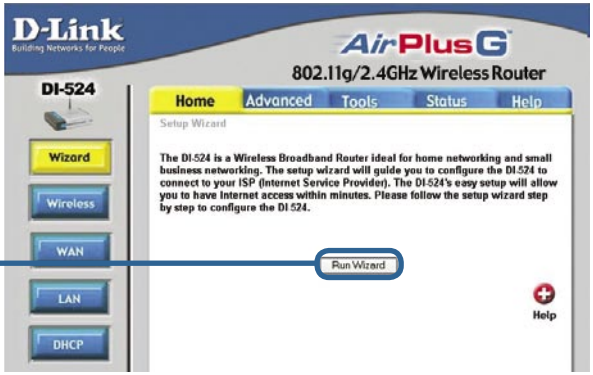
The logon pop-up screen will appear.

Type "admin" for the username and leave the password field blank.

Click OK

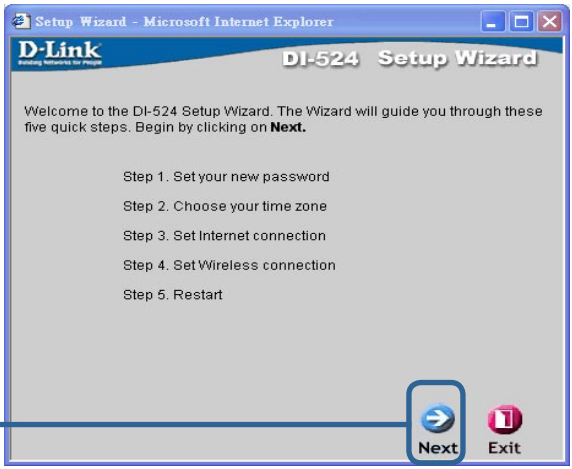
Once you have logged in, the **Home** screen will appear.

Click Run Wizard


D-Link
Building Networks for People
AirPlus G
802.11g/2.4GHz Wireless Router
DI-524
Home
Advanced
Tools
Status
Help
Setup Wizard
Wizard
Wireless
WAN
LAN
DHCP
The DI-524 is a Wireless Broadband Router ideal for home networking and small business networking. The setup wizard will guide you to configure the DI-524 to connect to your ISP (Internet Service Provider). The DI-524's easy setup will allow you to have Internet access within minutes. Please follow the setup wizard step by step to configure the DI-524.
Run Wizard
Help

The Setup Wizard (continued)

You will see the following screens:

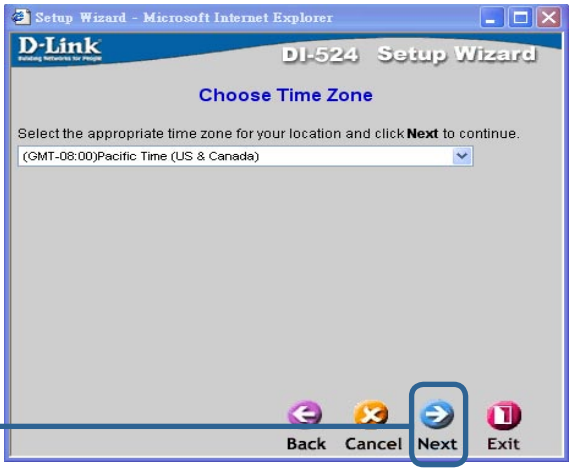

Setup Wizard - Microsoft Internet Explorer
D-Link
DI-524 Setup Wizard
Welcome to the DI-524 Setup Wizard. The Wizard will guide you through these five quick steps. Begin by clicking on Next.
Step 1. Set your new password
Step 2. Choose your time zone
Step 3. Set Internet connection
Step 4. Set Wireless connection
Step 5. Restart
Next
Exit

Click Next

Set up your new password.
You have the option to establish a password.

Click Next

Choose your time zone from the drop down list.



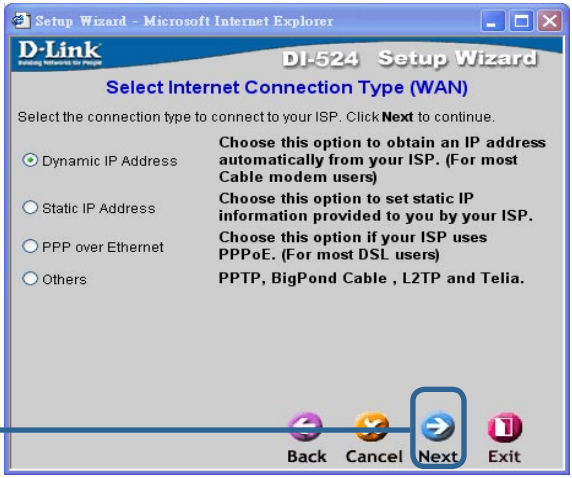
Click Next

The Setup Wizard (continued)

A this point, the setup wizard will try to auto-detect your Internet connection type. If you have a Dynamic or PPPoE connection, you will be brought to the corresponding page.

Otherwise, you will see the following screen:

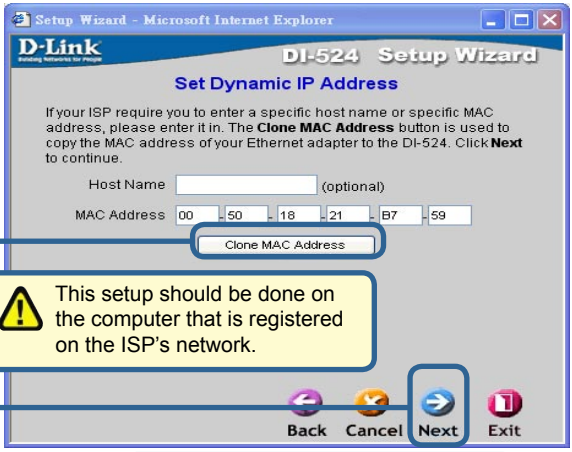
Select your Internet Connection.
You will be prompted to select the type of Internet connection for your router.


Setup Wizard - Microsoft Internet Explorer
D-Link
DI-524 Setup Wizard
Select Internet Connection Type (WAN)
Select the connection type to connect to your ISP. Click Next to continue.
Dynamic IP Address
Choose this option to obtain an IP address automatically from your ISP. (For most Cable modem users)
Static IP Address
Choose this option to set static IP information provided to you by your ISP.
PPP over Ethernet
Choose this option if your ISP uses PPPoE. (For most DSL users)
Others
PPTP, BigPond Cable , L2TP and Telia.
Back
Cancel
Next
Exit

If you are unsure of which setting to select, please contact your Internet Service Provider.

Click Next

If you selected **Dynamic IP Address**, this screen will appear: (Used mainly for Cable Internet service.)


Setup Wizard - Microsoft Internet Explorer
D-Link
DI-524 Setup Wizard
Set Dynamic IP Address
If your ISP require you to enter a specific host name or specific MAC address, please enter it in. The Clone MAC Address button is used to copy the MAC address of your Ethernet adapter to the DI-524. Click Next to continue.
Host Name
(optional)
MAC Address
00 - 50 - 18 - 21 - B7 - 59
Clone MAC Address
Back
Cancel
Next
Exit

Click the "**Clone MAC Address**" button to automatically copy the MAC address of the network adapter in your computer. You can also manually type in the MAC address.

This setup should be done on the computer that is registered on the ISP's network.

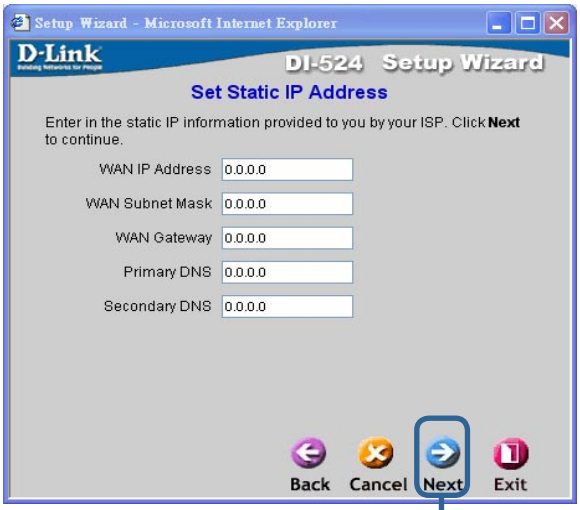
Click Next

Please continue to **Wireless Setup.**

The Setup Wizard (continued)

If your ISP requires a **Static IP Address**, and this option is selected, then this screen will appear:

Enter the IP address information originally provided to you by your ISP. You will need to complete all the required fields.

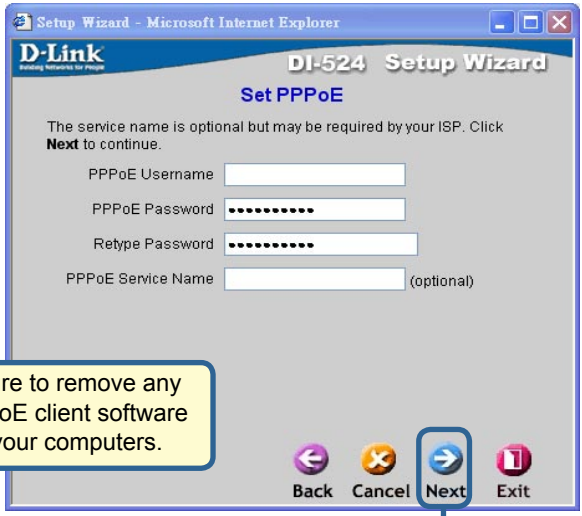


Click Next

Please continue to **Wireless Setup.**

If your ISP uses **PPPoE** (Point-to-Point Protocol over Ethernet), and this option is selected, then this screen will appear: (Used mainly for DSL Internet service.)

Enter in the username and password provided to you by your ISP.



Please be sure to remove any existing PPPoE client software installed on your computers.

Click Next

Please continue to **Wireless Setup.**

The Setup Wizard (continued)

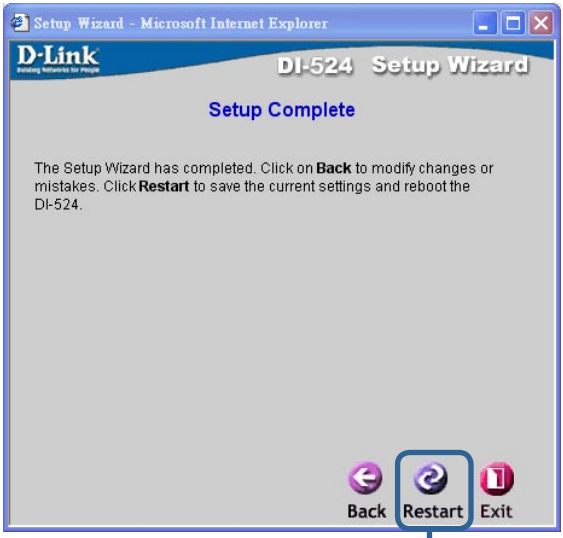
Wireless Setup

The default wireless settings for your 802.11g wireless network are:
SSID = **default**
Channel = **6**
You can change these settings to match an existing wireless network.

If you wish to use encryption for your 802.11g network, the DI-524 is capable of two levels of wireless encryption - 64-bit and 128-bit. **By default the encryption is disabled.** You can change the encryption settings for more secure wireless communication.

Click Next

5 Your Setup is Complete!


Setup Wizard - Microsoft Internet Explorer
D-Link
DI-524 Setup Wizard
Setup Complete
The Setup Wizard has completed. Click on Back to modify changes or mistakes. Click Restart to save the current settings and reboot the DI-524.
Back
Restart
Exit

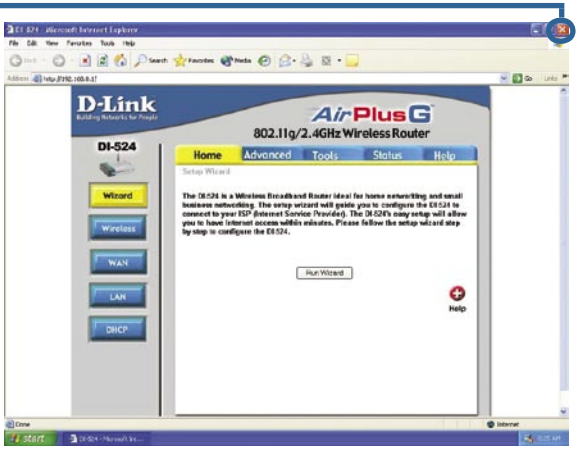
Click **Restart**

Click **Continue**

Test Internet Connection

You will be returned to the **Home** tab.

Click to **Exit**



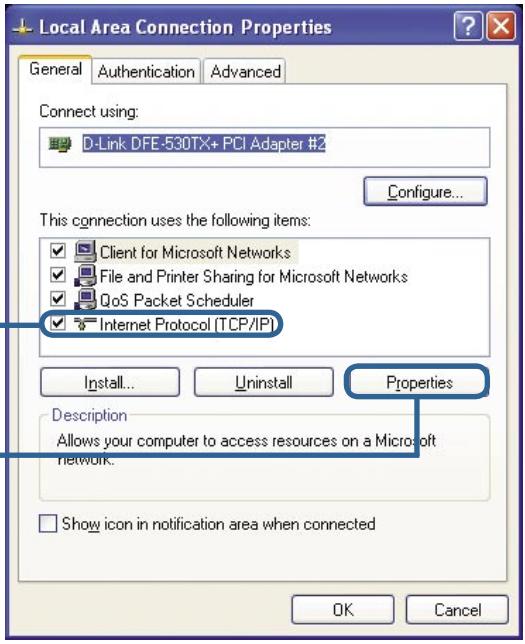
Then **relaunch** your Web browser (i.e., *Internet Explorer* or *Netscape Navigator*), to link to your favorite Web site to test your Internet connection.

For additional settings or information, refer to the **Advanced, Tools,** or **Status** tabs on the web-management interface; or to the Manual located on the CD.

APPENDIX

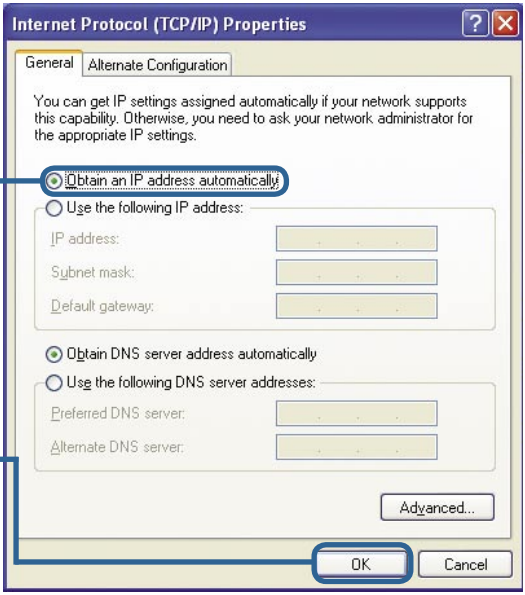
To connect to the network, make sure the network adapter in your computer is configured properly. Here's how to configure the network adapter to obtain an IP address automatically for the DI-524 Wireless Broadband Router.

For **Microsoft Windows XP:**
right click on **My Network Places** icon on the desktop > select **Properties** > **Double-click** on the **Network Connection** associated with the Ethernet adapter (i.e., D-Link DFE-530TX+).



Click Internet Protocol (TCP/IP)

Click Properties


Internet Protocol (TCP/IP) Properties
General
Alternate Configuration
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.
Obtain an IP address automatically
Use the following IP address:
IP address:
Subnet mask:
Default gateway:
Obtain DNS server address automatically
Use the following DNS server addresses:
Preferred DNS server:
Alternate DNS server:
Advanced...
OK
Cancel

Select Obtain an IP address automatically

Click OK

Restart your computer (if necessary)

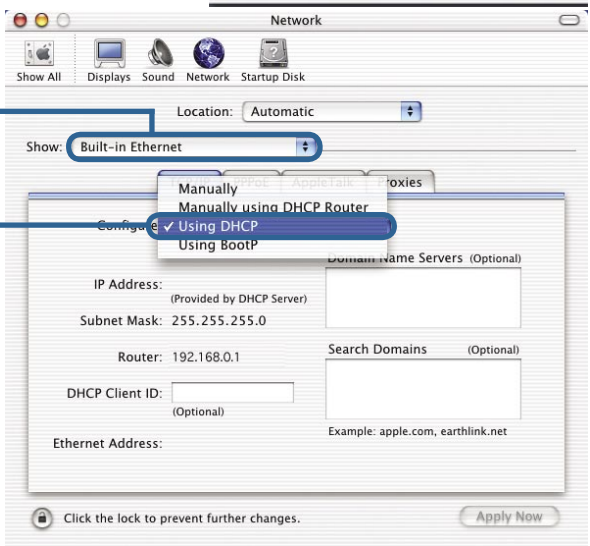
For **Apple Macintosh OS X:**

Go to **the Apple Menu Click on System Preferences** and **Select Network**.

Click on Network

Select Built-in Ethernet in the Show pull down menu

Select Using DHCP in the Configure pull down menu



Click on Apply Now

The IP address information, the Subnet Mask, the Router's IP address and the Ethernet adapter address will appear.